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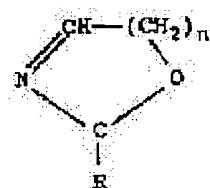
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(54) OXAZINE-OR OXAZOLINE-BASED COPOLYMER USEFUL AS ANTI-ELECTROSTATIC AGENT AND POLYMER COMPOSITE PRODUCED THEREFROM

(57)Abstract:

PURPOSE: To obtain a novel conductive polymer composite by using a block copolymer comprising a first block of polyoxazine or polyoxazoline and a second block comprising a thioether linkage-contg. polyalkylene glycol.

CONSTITUTION: The block copolymer comprises a first block comprising monomer units of the formula (wherein n is 1 or 2; and R is H or a 1-40C side chain selected from among linear or branched aliph. hydrocarbon groups, alicyclic or arom. hydrocarbon groups, polyethyleneimines, polyethylene oxides, polythioethers, and thioether linkage-contg. polyalkylene glycols, the



side chain optionally having 1-3 ether, imine, and/or sulfide bonds) and a second block contg. a thoioether linkage-contg. polyalkylene glycol.

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